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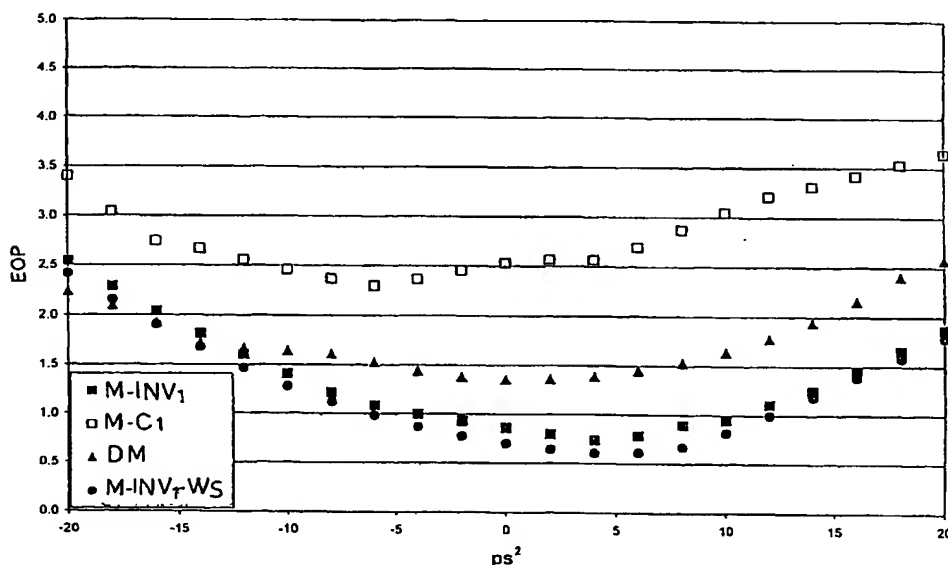
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(54) Title: OPTICAL COMMUNICATION LINE WITH DISPERSION INTRACHANNEL NONLINEARITIES MANAGEMENT



(57) Abstract: Optical communication line (2) of a communication system (100) comprising a first processing station (1) and an amplifying station (A1). The line comprises a first optical connection (S1) having at least partially compensated accumulated dispersion and placed between the first processing station and the amplifying station. A second optical connection having at least partially compensated accumulated dispersion is connected to the output of the amplifying station. Portions of optical fiber (F₁₋₁, F₂₋₂) leaving the processing station and the amplifying station are associated to respective first order chromatic dispersions which are of opposite signs and have absolute values lower than or equal to 13 ps²/Km.

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